



State of Illinois

# ENVIRONMENTAL PROTECTION AGENCY

Mary A. Gade, Director  
217/782-9881

2200 Churchill Road, Springfield, IL 62794-9276

April 7, 1995

Duane Heaton, RPM  
HSRL-6J  
U.S. Environmental Protection Agency  
77 West Jackson Boulevard  
Chicago, Illinois 60604

Re: 04308300001 -- DuPage County  
Blackwell Forest Preserve  
Superfund/Technical Report

Dear Mr. Heaton:

The Illinois Environmental Protection Agency (IEPA) is responding to your request for additional ARARs information, and comments on the USEPA's draft letter, dated March 8, 1995, for Montgomery Watson's revised draft Alternative Array pages, dated December 1, 1994. The IEPA submitted it's initial review comments, each with ARARs information, on these subjects to the USEPA on January 12, 1995, and January 15, 1993. In addition, the draft USEPA, internal memo submitted to the IEPA on February 22, 1994, is briefly commented upon. The issues included in this memo were discussed by the Agencies via telephone.

The IEPA previously stated via telephone, that the USEPA's draft letter adequately addresses the majority of the IEPA's concerns associated with Montgomery Watson's revised Alternative Array document pages. The IEPA, however, does not agree with various "historical facts", and conclusions included in the internal USEPA draft memo. The IEPA does agree that additional on-site groundwater monitoring would be very beneficial.

With respect to any hazardous substances, pollutants, or contaminants that will remain on site, Section 121 (2) (A) of CERCLA requires that the Agencies select a remedial action which complies with legally applicable or relevant and appropriate standards, requirements, criteria or limitations (ARARs), or to justify a waiver of ARARs. The selected remedy will comply with Federal and State ARARs. No ARAR waivers have been identified. The chosen remedy must be implemented in compliance with the applicable provisions of CERCLA and the NCP.

Specific ARARs can not be identified until a final remedy is

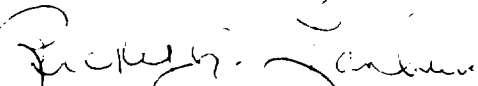


selected. General ARARs can be selected based on the limited information provided by the various general remediation options included in the draft Alternative Array document.

Numerous potential State of Illinois chemical-specific, location-specific, and action-specific ARARs and TBCs are included but may not be limited to those in Attachment A. The list of potential ARARs is attached.

If you have any comments or questions, please contact me at the above telephone number.

Sincerely,



Rick Lanham, Project Manager  
NPL Unit  
Remedial Project Management Section  
Division of Remediation Management  
Bureau of Land

# ATTACHMENT A

## POTENTIAL ARARS

### BLACKWELL FOREST PRESERVE

**Chemical-Specific ARARs:** Chemical-specific ARARs regulate the release of specific substances having certain chemical characteristics, and are usually health or risk based requirements.

**AIR**            35 Illinois Administrative Code Parts 200-243 contain the majority of the regulations for the pertinent Illinois air pollution ARARs.

- Part 201 National Ambient Air Quality Standards (NAAQS)
- Part 215 Organic Material Emission Standard
- Part 232 National Emissions Standards for Hazardous Air Pollutants (NESHAPS)
- Part 243 Air Quality Standards and Measurements

**WATER**            35 Illinois Administrative Code Parts 300's and 620 contain the majority of the regulations for the pertinent Illinois groundwater pollution ARARs.

- Part 302 General Use Water Quality Standards
- Part 303 Non-specific Water Use Designations

- Part 304 General Effluent Standards
- Part 307 Sewer Discharge Criteria
- Part 620 Groundwater Quality Standards

#### SOIL

35 Illinois Administrative Code Parts 724 and 725 contain the majority of the regulations for pertinent Illinois contaminated soil regulations. These regulations may be pertinent if remediation activities encounter soils contaminated with hazardous wastes.

#### OTHER

- 35 Illinois Administrative Code Part 901, Sound Emission Standards and Limitations
- 92 Illinois Administrative Code Part 171, Transportation of Hazardous Substances
- Illinois Water Well Construction Code Law, Illinois Revised Statutes, Chapter 111 1/2, Paragraphs 116, 111-118, and Illinois Water Well and Pump Installation Contractors Licensing Act, Illinois Revised Statute, Chapter 111, Paragraphs 7101-7130.

**Location-Specific ARARs:** Location-specific ARARs are requirements that relate to a specific location, such as the geographic location of a site. These requirements usually restrict the concentrations of hazardous substances or various activities at a specific location. Various Federal regulations apply.

#### WATER/SOIL

- Illinois Revised Statutes, Chapter 19, Paragraph 65 (f), Illinois Floodplain Construction Permits
- 92 Ill. Admin. Code Part 708, Construction in Floodways and Floodfringes

**Action-Specific ARARs:** Action-specific ARARs are requirements that define acceptable treatment and disposal requirements for hazardous substances. The substantive requirements of the following may be ARARs.

AIR

35 Illinois Administrative Code

- Part 201 Regulations for Prohibition of Air Pollution and Monitoring of Air Pollutants
- Part 203 Regulations for Major Stationary Sources Construction and Modification
- Part 212 Regulations for Emissions of Fugitive and Particulate Matter
- Part 214 Sulfur Limitations
- Part 217 Nitrogen Oxide Emissions
- Part 231 Limitations for Stationary Sources

WATER

35 Illinois Administrative Code

- Part 301-309 NPDES Permit Regulations
- Part 307 Sewer Discharge Criteria
- Part 310, 312 Pretreatment/Treatment Programs
- Part 370 Recommended Standards for Sewer Works

Solid Waste/Waste Disposal/Landfills

35 I.A.C.

- Ill. Revised Statutes, Chapter 19, Paragraph 65, Floodplains Construction Permits
- Part 730, Underground Injection Control Standards, Prohibits Waste ReInjection Under Remedial Alternatives
- Part 807 Solid Waste; Subparts B, C, E, and F
- Parts 808 and 809 Special Waste Hauling, Subparts B-G
- Parts 810-815 Landfill Drainage/Run-off, Landfill Leachate Collection and Gas Control/Monitoring, Groundwater Quality, Groundwater Monitoring, Final Cover, Closure, and Post Closure
- Parts 604 and 605 Monitoring of Treated Water at POTW
- Part 620 Groundwater Standards

- Parts 722, 723, 724, and 725: Identification and listing of Hazardous Waste, Hazardous Waste Transporter Standards, and Hazardous Waste TSD Standards (Contaminate leachate, groundwater, and soil)

OTHER

- Illinois Revised Statutes, Chapter 19, Paragraph 52, Illinois Regulation of Rivers, Lakes, and Streams
- Illinois Endangered Species Act, Sections 332-335

Additional ARARs Comments:

In the second paragraph, Section 7.3.4 Action-Specific ARARs (pg. 7-6), the first sentence states, "Although the Blackwell site is not an operating landfill and was never permitted under Illinois regulations...". This statement is incorrect. The landfill was originally permitted by the Illinois Department of Public Health, and then repermited by the IEPA. It was therefore permitted under Illinois regulations, and must continue to meet ARARs.